

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: NER_01_CMP15
Name: Schoenick Creek Watershed 303(d) Identification and Long Lake Interaction Study - Year 2 NER_01_CMP15
Type: Competitive Projects
Subtype: Impaired Water Assessment
Status: COMPLETE
Start Date: 07/01/2015
End Date: 06/30/2017
Purpose: East District water resources biologists are proposing to conduct a 2nd year of water quality monitoring on select tributary streams to Long Lake and in the main basin of Long Lake to address water quality concerns in the watershed and gain further understanding of the tributary streams impact on water quality conditions in Long Lake. Year 2 of Biological confirmation stream assessments will occur during, June, July, and August and water chemistry samples will be collected in May-October on sites that indicate impairments from total Phosphorous likely exceed standards for future listing on the 303d list of impaired waters. Additionally macro-invertebrate samples will be collected in October at 8 sites.
Objective: Long Lake was listing on the 303(d) list of impaired water in 2014. The Long Lake Association is concerned that water quality impairments are mainly caused from inflow from Schoenick Creek and other sources upstream in the watershed and may seek to re-route stream flow out of the lake with a Chapter 30 permit. Monthly total phosphorous samples were collected in 2014 and the listing criteria was exceeded in 3 of the 6 sites sampled and the other 3 sites fell into the likely to exceed category so additional water quality samples are needed to make impairment decisions. Additionally, biological confirmation is samples are needed at 6 sites to confirm impairment and make final listing recommendations.
Comments: Continuing project
Outcome: Water quality samples will be collected at 5 sites monthly from May through October. including one on Long Lake. During the monthly sample collection flow will also be collected at the inlet and outlet into Long Lake. Fish surveys will be replicated at 6 sites and macroinvertebrate samples will be collected at 8 sites. All data will be entered into the fish and habitat database and SWIMS by Hudak. A final report will be completed after the second year of biological data collection and analysis.
Study Design:
QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Hudak, Andrew J	COORDINATOR	COMPLETE	07/01/2015	06/30/2017	Wisconsin DNR	
McLennan, Robin	SUPERVISOR	COMPLETE	07/01/2015	12/31/2099	Wisconsin DNR	
Nordin, Brenda L	COORDINATOR	COMPLETE	07/01/2015	06/30/2017	Wisconsin DNR	
PAPPAS, RYAN J	TEAM_MEMBER	ACTIVE	07/01/2015	06/30/2017	Wisconsin DNR	
PERSON, RUTH A	COORDINATOR	ACTIVE	07/01/2014	12/31/2099	Wisconsin DNR	

Project Statuses

Date	Reported By	Status	Comments
01/21/2015	Andrew Hudak	Proposed	
11/16/2016	Andrew Hudak	Progress: 75-100% Complete	Field work and data entry complete. Final report has been drafted and will be completed in December of 2016
12/08/2016	Andrew Hudak	Complete	Project Complete and final report uploaded

Project Status Detail

Answer Set: DEFAULT

Question	Answer
1. Number of Sample Sites (Enter the station IDs if you know them).	5- WQ 6- Fish 8- Macroinvert
2. Number of Sample Events (Indicate how many trips into the field you anticipate for this project).	10 Trips
3. Proposed Dates for Sample Collection	May thru Oct- WQ

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Question	Answer
4. List applicable databases and who will enter data?	June/July/Aug- Fish Oct- Macroinvert SWIMS- Hudak Fish and Habitat- Hudak
5. Did you receive competitive projects funding in the previous year?	Yes
6. If yes to question 5, did you complete the projects including data entry and reports as necessary? If not, why not?	Data has been entered, report will be completed following 2nd year of data collection and after macro-invertebrate results are received.
7. Reviewer Notes: Identify questions or issues with project (use during review period)	
8. Reviewer Decision: Is this project recommended for funding?	

Actions

Action	Detailed Description	Start	End Date	Status
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Monitoring Stations

Station ID	Name	Comments
593003	Long Lake - Deep Hole	
10042142	Schoenick Creek 100m ds Long Lake Confluence	
10042141	Schoenick Creek 175m US Long Lake Confluence	
10042143	Schoenick Creek 200m ds St. John's Church Rd	
10042835	Schoenick Creek 50m us CTH CC	
10014772	Schoenike Creek at Cloverleaf Lake Rd.	
10042145	UNT to Schoenick Creek 30m US Schoenrock Lake Rd	
10042924	Unnamed Trib to Schoenick Creek 170m ds Belle Plain Ave	
10016411	Unnamed Trib. - 10 Feet Below Grass Lake Road. 100 Feet Below Jim Retzlaff Farm.	

Assessment Units

WBIC	Segment	Local Name	Official Name
321000	1	Schoenick Creek	Schoenick Creek
321000	2	Schoenick Creek	Schoenick Creek
321000	3	Schoenick Creek	Schoenick Creek
321200	1	Unnamed E Trib. to Schoenick Cr	Unnamed
321300	1	Long Lake	Long Lake
321400	1	Unnamed W Trib to Schoenick Cr	Unnamed
5014152	1	Unnamed Trib to Schoenick Creek	Unnamed

Lab Account Codes

Account Code	Description	Start Date	End Date
WQ015	LOCAL NEEDS PROJECTS	04/22/2015	06/30/2017

Forms

Form Code	Form Name
AIS_EDD_2013	AIS Early Detection Monitoring Form (R 06/2013)
CONTINUOUS	Continuous Data Upload
STREAM_MON	Stream Monitoring (Temp, DO, Trans, Flow)

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Form Code **Form Name**
WADEABLE_MACRO_I Wadeable Macroinvertebrate Field & Habitat Data

Methods

Method Code	Description
DNR-FPM-1001.3	Benthic Invertebrate D-Frame Net, Kick Samples 1988
DNR-FPM-1001.3	Benthic Invertebrate D-Frame Net, Kick Samples 1988
CLMN TEMP-D.O. METER 2005-	CLMN - Temperature/D.O. Meter 2005
CLMN INTEGRATED SAMPLE	CLMN 6 ft integrated sampler 2003
ELECTROFISHING: BACKPACK SHOCKER	Electrofishing: Backpack Shocker
ELECTROFISHING: STREAM SHOCKER	Electrofishing: Stream Shocker
GRAB SAMPLE	Water Grab Sample Guidelines and Procedures 2005

Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
05/20/2015 11:30	COMPLETE	SCDS-1	10042142	Schoenick Creek 100m ds Long Lake Confluence
05/20/2015 11:50	COMPLETE	SCUS-1	10042141	Schoenick Creek 175m US Long Lake Confluence
05/20/2015 13:00	COMPLETE	LLDH	593003	Long Lake - Deep Hole
05/20/2015 15:15	COMPLETE	UNT-GLR	10016411	Unnamed Trib. - 10 Feet Below Grass Lake Road. 100 Feet Below Jim Retzlaff Farm.
05/20/2015 15:30	COMPLETE	SLLC	10042835	Schoenick Creek 50m us CTH CC
06/24/2015 09:15	COMPLETE	LLDH	593003	Long Lake - Deep Hole
06/24/2015 10:15	COMPLETE	SCDS-2	10042142	Schoenick Creek 100m ds Long Lake Confluence
06/24/2015 10:45	COMPLETE	SCDS-2	10042141	Schoenick Creek 175m US Long Lake Confluence
06/24/2015 13:30	COMPLETE	SCCC	10042835	Schoenick Creek 50m us CTH CC
06/24/2015 14:00	COMPLETE	UNT-SCGLR	10016411	Unnamed Trib. - 10 Feet Below Grass Lake Road. 100 Feet Below Jim Retzlaff Farm.
07/23/2015	COMPLETE		10042835	Schoenick Creek 50m us CTH CC
07/23/2015 09:15	COMPLETE	SCGLR	10016411	Unnamed Trib. - 10 Feet Below Grass Lake Road. 100 Feet Below Jim Retzlaff Farm.
07/23/2015 10:00	COMPLETE	LLDH	593003	Long Lake - Deep Hole
07/23/2015 11:30	COMPLETE	DS	10042142	Schoenick Creek 100m ds Long Lake Confluence
07/23/2015 11:40	COMPLETE	UPS	10042141	Schoenick Creek 175m US Long Lake Confluence
08/19/2015 09:30	COMPLETE	UNT-GLR4	10016411	Unnamed Trib. - 10 Feet Below Grass Lake Road. 100 Feet Below Jim Retzlaff Farm.
08/19/2015 10:40	COMPLETE	LLDH	593003	Long Lake - Deep Hole
08/19/2015 10:40	COMPLETE	SCCC-4	10042835	Schoenick Creek 50m us CTH CC
08/19/2015 11:10	COMPLETE	DS4	10042142	Schoenick Creek 100m ds Long Lake Confluence
08/19/2015 11:30	COMPLETE	UP4	10042141	Schoenick Creek 175m US Long Lake Confluence
09/23/2015	COMPLETE		10016411	Unnamed Trib. - 10 Feet Below Grass Lake Road. 100 Feet Below Jim Retzlaff Farm.
09/23/2015	COMPLETE		10042145	UNT to Schoenick Creek 30m US Schoenrock Lake Rd
09/23/2015	COMPLETE		10042835	Schoenick Creek 50m us CTH CC
09/23/2015	COMPLETE		10042143	Schoenick Creek 200m ds St. John's Church Rd
09/23/2015	COMPLETE		10042142	Schoenick Creek 100m ds Long Lake Confluence
09/23/2015	COMPLETE		10042141	Schoenick Creek 175m US Long Lake Confluence
09/23/2015 11:00	COMPLETE	UPS	10042141	Schoenick Creek 175m US Long Lake Confluence
09/23/2015 11:30	COMPLETE	SCDSL	10042142	Schoenick Creek 100m ds Long Lake Confluence
09/23/2015 13:00	COMPLETE	LLDH	593003	Long Lake - Deep Hole
09/23/2015 15:15	COMPLETE	10016411	10016411	Unnamed Trib. - 10 Feet Below Grass Lake Road. 100 Feet

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Start Date	Status	Field ID	Station ID	Station Name
09/23/2015 16:00	COMPLETE	SCCL	10042835	Below Jim Retzlaff Farm. Schoenick Creek 50m us CTH CC
10/21/2015 09:45	COMPLETE	LLDH	593003	Long Lake - Deep Hole
10/21/2015 09:45	COMPLETE	SCGL	10016411	Unnamed Trib. - 10 Feet Below Grass Lake Road. 100 Feet Below Jim Retzlaff Farm.
10/21/2015 10:00	COMPLETE	SCDS	10042142	Schoenick Creek 100m ds Long Lake Confluence
10/21/2015 11:15	COMPLETE	SCUS	10042141	Schoenick Creek 175m US Long Lake Confluence
10/21/2015 12:30	COMPLETE	SCCC	10042835	Schoenick Creek 50m us CTH CC

Documents

Title	Description	Author	Published	Comments
Long Lake Water Quality Assessment 2013-2015		Brenda Nordin	12/08/2016	
Long Lake Water Quality Assessment 2013-2015		Brenda Nordin	12/08/2016	
NER_01_CMP15 status 10142016	NER_01_CMP15 status 10142016	SWIMS Reports	10/14/2016	

Budget

Budget Description: FY2016 **Start Date:** 07/01/2015 **End Date:** 06/30/2016

Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours	120	Hours	\$0.00	\$0.00	
LTE SAL	LTE Salary	60	Hours	\$13.00	\$780.00	
LTE FR	LTE Fringe				\$192.66	
LTE IND	LTE Indirect				\$157.28	
LTE TOT	LTE Total Cost				\$1,129.94	
SUPPLY	Supplies	6		\$25.00	\$150.00	Shipping
EQUIP	Equipment				\$0.00	
MILEAGE	Mileage	1100	Miles	\$0.72	\$792.00	
MEAL	Meals	20	Meals	\$10.00	\$200.00	
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$992.00	
BUG	Bug Contracts	8		\$185.00	\$1,480.00	
OTHER	Other Contracts				\$0.00	
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$3,751.94	

Test Code	Description	Test Group	# Planned	Unit Cost	Total Cost
Total SLOH Lab Costs:				\$0.00	\$0.00
Total Budget:				\$3,751.94	\$3,751.94

Budget Description: FY2017 **Start Date:** 07/01/2016 **End Date:** 06/30/2017

Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours		Hours	\$0.00	\$0.00	
LTE SAL	LTE Salary		Hours	\$13.00	\$0.00	
LTE FR	LTE Fringe				\$0.00	
LTE IND	LTE Indirect				\$0.00	

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Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
LTE TOT	LTE Total Cost				\$0.00	
SUPPLY	Supplies				\$0.00	
EQUIP	Equipment				\$0.00	
MILEAGE	Mileage		Miles	\$0.72	\$0.00	
MEAL	Meals		Meals	\$9.00	\$0.00	
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$0.00	
BUG	Bug Contracts				\$0.00	
OTHER	Other Contracts				\$0.00	
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$0.00	

Test Code	Description	Test Group	# Planned	Unit Cost	Total Cost
Total SLOH Lab Costs:				\$0.00	
Total Budget:				\$0.00	
Combined Budgets:				\$3,751.94	
Combined SLOH:				\$0.00	
Combined Total:				\$3,751.94	

Funding

Organization	Source	Type	Amount	Start Date	End Date
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